

Listing of the Claims

This listing of the claims will replace all prior versions, and listings, of claims in the Application:

- 1-18. (Cancelled)
19. (Currently Amended) A method for manufacturing a screen assembly, comprising:
 - constructing a screen bar frame having a tapered slot extending at least substantially along a front side of the screen bar frame;
 - spreading a screen formed of open mesh ventilation material over the screen bar frame so that a portion of the screen is disposed within the tapered slot;
 - applying a predetermined quantity of curable compound onto the portion of the screen disposed within the tapered slot; and
 - curing the curable compound to mechanically interlock the screen to the screen frame at a predetermined tension; and

wherein the applying step and the curing step occur at substantially the same time.
20. (Original) The method of claim 19, wherein the screen is tensioned while the compound is being cured.
21. (Cancelled)
22. (Original) The method of claim 19, further comprising trimming extra screen material after the screen is disposed within the tapered slot.
23. (Currently Amended) The method of claim 22, wherein the trimming step, applying step, and curing step occur at substantially ~~are each done substantially at~~ the same time.
24. (Currently Amended) The method of claim 19, wherein the compound is comprises an ultraviolet curable compound.

25. (Original) The method of claim 24, wherein the ultraviolet curable compound is cured with ultraviolet light having a wavelength in the range of about 300 to about 450 nanometers.

26. (Original) The method of claim 24, wherein the ultraviolet curable compound is cured for a time in the range of about 1.0 to about 3.0 seconds.

27. (Original) The method of claim 19, further comprising encapsulating the screen with the compound so that a top surface of the screen positioned at the base of the tapered slot lies at or beneath a top surface of the compound at the base of the tapered slot.

28. (Original) The method of claim 19, further comprising encapsulating the screen with the compound so that an outer surface of the screen located along a side of the tapered slot lies beneath an outer surface of the compound located along the side of the tapered slot.

29. (Original) A method for manufacturing a screen assembly, comprising:
constructing a screen bar frame having a mounting area thereon;
spreading a screen formed of open mesh ventilation material on the mounting area;
applying a predetermined quantity of an ultraviolet curable adhesive onto the mounting area; and
curing the adhesive to mechanically interlock the screen to the mounting area.

30. (Original) The method of claim 29, wherein the adhesive is cured with ultraviolet light.

31. (Original) The method of claim 30, wherein the adhesive is cured by ultraviolet light having a wavelength in the range of about 300 to about 450 nanometers.

32. (Original) The method of claim 30, wherein the adhesive is cured for a time in the range of about 1.0 to about 3.0 seconds.

33. (Original) The method of claim 29, wherein the constructing step includes forming a screen bar frame with a mounting area comprising a tapered slot extending at least substantially along a front side of the screen bar frame.

34. (Original) The method of claim 33, wherein the spreading step comprises positioning the screen over the screen bar frame so that a portion of the screen is disposed within the tapered slot.

35. (Original) The method of claim 34, further comprising trimming extra screen material after the screen is disposed within the tapered slot.

36. (Currently Amended) The method of claim 35, wherein the trimming step, applying step, and curing step occur at substantially ~~are each done substantially~~ at the same time.

37. (Currently Amended) The method of claim 29, wherein the applying step and the curing step occur at substantially ~~are done substantially~~ at the same time.

38. (Original) The method of claim 29, wherein the curing step further comprises tensioning the screen at substantially the same time that the adhesive is being cured.

39-70. (Cancelled)

71. (Previously Presented) The method of Claim 19, wherein the screen comprises a fabric.

72. (Previously Presented) The method of Claim 23, wherein the screen bar frame comprises a length and a width, and wherein the trimming step, applying step, and curing step commence proximate a center of the screen bar frame length and progress toward opposite corners of the screen bar frame length.

73. (Previously Presented) The method of Claim 72, wherein the trimming step, applying step, and curing step commence proximate a center of the screen bar frame width and progress toward opposite corners of the screen bar frame width.

74. (Previously Presented) The method of Claim 73, wherein tension of the screen is substantially symmetrical along the screen bar frame width and the screen bar frame length and resultant forces on the frame are substantially symmetrical.

75. (Previously Presented) The method of Claim 23, wherein the trimming step, applying step, and curing step are automated.

76. (Previously Presented) The method of Claim 29, wherein the screen comprises a fabric.

77. (Previously Presented) The method of Claim 36, wherein the screen bar frame comprises a length and a width, and wherein the trimming step, applying step, and curing step commence proximate a center of the screen bar frame length and progress toward opposite corners of the screen bar frame length.

78. (Previously Presented) The method of Claim 77, wherein the trimming step, applying step, and curing step commence proximate a center of the screen bar frame width and progress toward opposite corners of the screen bar frame width.

79. (Previously Presented) The method of Claim 78, wherein tension of the screen is substantially symmetrical along the screen bar frame width and the screen bar frame length and resultant forces on the frame are substantially symmetrical.

80. (Previously Presented) The method of Claim 36, wherein the trimming step, applying step, and curing step are automated.